

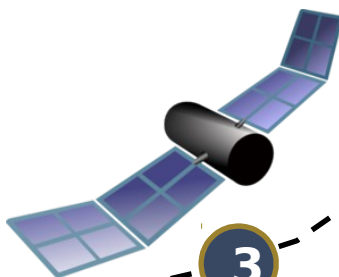


How Maps are Made

When your family goes on vacation, you will probably use a map. Maps are very helpful in knowing how to get where you are going. Maps show man-made things such as roads, bridges, railroad tracks, buildings, and landmarks. Maps also show natural things like mountains, lakes, and rivers. Here's how maps are made.

Photos are taken from airplanes or satellites using special cameras

1

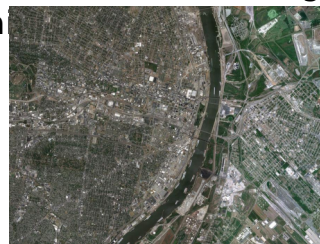


2

The special camera takes lot of pictures over an area.

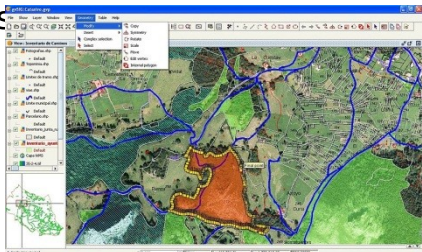
3

These photos are stitched together on a computer. This is also known as creating a mosaic



4

Using special software, man-made and natural things are traced and stored in electronic files



5

Surveyors use equipment like GPS to precisely determine where things are located.

6

These electronic files and the surveyor's data are combined to create different maps which can be printed, put on websites, or e-mailed.

